

Message

From: Kay, Robert [rtkay@usgs.gov]
Sent: 8/2/2016 4:58:53 PM
To: Nordine, John [nordine.john@epa.gov]
Subject: June 2016 Monthly Progress Report, Techalloy Facility

John--have I reviewed the June 2016 monthly progress report for the Techalloy Facility in Union, Illinois. I have just a few fairly minor comments. These comments are in addition to the comments in my earlier e-mail about where to put additional Geoprobe locations.

Semiannual RCRA sampling: Autumwood needs to do some checking of the data. per comments on a previous monthly report, the word "since" needs to be used with greater precision. Since is defined as "in the time after" or "from a specified point in the past". I'm not going to go over every example, but here are a couple TCE in well MW-4 has typically been below the MCL since June 2012,
PCE in well MW-5 has been below 100 ppb since Dec. 2012.
This word use is not a big deal, but Autumwood may wish to re-phrase the text and use something like "beginning in" in place of "since".

In the discussion of sample results for well DGW-1D, VC exceeded the MCL in four of the seven sampling events FROM June 2013 through June 2016. Technically there were only five sampling events and three MCL exceedences BETWEEN June 2013 and June 2016.

There have been no HISTORICAL detections of VOCs in any of wells in the DGW-2 cluster.

Attachment 3, figure 2: the MCL units should be micrograms per liter. The MCL for cis-1,2-DCE should be provided.

cis-1,2-DCE should be plotted for GP-3D.

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Robert T. Kay
U.S. Geological Survey
650G Peace Road
DeKalb, IL 60115
815-752-2041
rtkay@usgs.gov